



Please type a plus sign (+) inside this box **TM** **+**

Based on PTO/SB/08 a & b (05-03)
 Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
 information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary).</p>				Complete If Known	
				Application Number	10/688,470
				Filing Date	10/17/2003
				First Named Inventor	Michael D. Gallagher
				Group Art Unit	2683
				Examiner Name	Brandon J. Miller
Sheet	1	of	3	Attorney Docket Number	BUZA-0013/01US

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Kind Code ⁴ (if known)					
BJM	1.	2002/0066036	05/30/2002	Makineni, Gowri	
BJM	2.	2002/0142761	10/03/2002	Wallstedt, Yngve K, et al.	
BJM	3.	2003/0031151	02/13/2003	Sharma, Mukesh, et al.	
BJM	4.	2003/0087653	05/08/2003	Leung, Nikolai	
BJM	5.	2003/0119527	A1	Labun, Nicholas	
BJM	6.	2003/0139180	A1	McIntosh et al.	
BJM	7.	2004/0037312	02/26/2004	Spear, Stephen L.	
BJM	8.	2004/0068571	A1	Ahmavaara, Kalle	
BJM	9.	2004/0077374	06/17/2004	Terry, Stephen E.	
BJM	10.	2004/0116120	07/29/2004	Mohammed, Jahangir et al.	
BJM	11.	2004/0202132	10/14/2004	Tomi Heinonen	
BJM	12.	2004/0203346	10/14/2004	Myhre, John, et al.	
BJM	13.	2004/0203737	10/14/2004	Myhre, John, et al.	
BJM	14.	2004/0203800	10/14/2004	Myhre, John, et al.	
BJM	15.	2005/0101329	05/12/2005	Michael Gallagher	
BJM	16.	2005/0064896	03/24/2005	Rautiola, Markku, et al.	
BJM	17.	2005/0198199	09/08/2005	Dowling, Eric Morgan	
BJM	18.	2005/0207395	A1	Mohammed, Jahangir	
BJM	19.	5,949,773	09/07/1999	Bhalla et al.	

Examiner Signature		Date Considered	3/11/2006
--------------------	--	-----------------	-----------

⁵ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box TM

Based on PTO/SB/08 a & b (05-03)

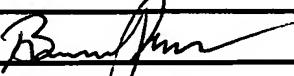
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/688,470
				Filing Date	10/17/2003
				First Named Inventor	Michael D. Gallagher
				Group Art Unit	2683
				Examiner Name	Brandon J. Miller
				Attorney Docket Number	BUZA-0013/01US
Sheet		2	of	3	

U.S. PATENT DOCUMENTS					
U.S. Patent Document					
BJM	20.	6,463,307	B1	10/08/2002	Larsson, Mikael , et al.
BJM	21.	6,801,519		10/05/2004	Mangel, Manish
BJM	22.	6,895,255		05/17/2005	Bridgelall, Raj

FOREIGN PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office ³	Number ⁴			
BJM	23.	WO	0028762	A1	05/18/2000	Nortel Networks Corp (CA)
BJM	24.	WO	03039009	A2	05/08/2003	Nokia Corporation
BJM	25.	WO	03092312	A1	11/06/2003	Ericsson Telefon AB L M (SE);
BJM	26.	WO	2003039009	A3	05/08/2003	Nokia Corporation; Nokia, Inc.
BJM	27.	WO	2004002051	A2	12/31/2003	Thompson Licensing S.A.
BJM	28.	WO	2004034219		04/22/2004	Interdigital Tech Corp (US)
BJM	29.	WO	2004036770	A2	04/29/2004	Kineti Wireless, Inc.
BJM	30.	WO	2004039111		05/06/2004	AT & T Wireless Services Inc (Us)
BJM	31.	WO	2005006597	A1	01/20/2005	Samsung Electronics Co Ltd (KR)
BJM	32.	WO	2005114918	A2	12/01/2005	Kineti Wireless, Inc.

Examiner Signature		Date Considered	3/11/2006
-----------------------	---	--------------------	-----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

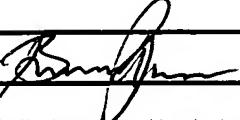
This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box **TM**

Based on PTO/SB/08 a & b (05-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/688,470
				Filing Date	10/17/2003
				First Named Inventor	Michael D. Gallagher
				Group Art Unit	2683
				Examiner Name	Brandon J. Miller
Sheet	3	of	3	Attorney Docket Number	BUZA-0013/01US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BJM	33.	"Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 5.6.0 Release 5); ETSI TS 124 008," ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPOLIS, FR, vol. 3-CN1, no. V560, December 2002 (2002-12), pages 293-317, XP014007949, ISSN: 0000-0001	✓
BJM	34.	"3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3GPP System to Wireless Local Area Network (WLAN) Interworking; System Description (Release 6); 3GPP TS 23.234," ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPOLIS, FR, vol. 3-SA, no. V230, November 2003 (2003-11), XP014023920, ISSN: 0000-0001	✓

Examiner Signature		Date Considered	3/11/2006
--------------------	---	-----------------	-----------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9198 and select option 2.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Apparatus and method for extending the coverage area of a licensed wireless communication system using an unlicensed wireless communication system
---------------------------	--

Application Number : 10/688470



Confirmation Number: 3024

First Named Applicant: Michael Gallagher

Attorney Docket Number: BUZA-013/01US

Art Unit:

Examiner: Mr. Brandon J. Miller

Search string: (6643512 or 6909705 or 20020118674 or 20040171378 or 20050101245).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

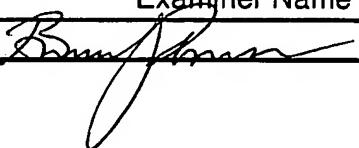
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
BJM	1	6643512	2003-11-04	Satyanarayanan Ramaswamy	B1	455	435
BJM	2	6909705	2005-06-21	William C. Y. Lee	B1	370	338

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
BJM	1	20020118674	2002-08-29	Faccin et al.	A1	370	352
BJM	2	20040171378	2004-09-02	Heilli Rautilla	A1	455	419
BJM	3	20050101245	2005-05-12	Kalle Ahmavaara	A1	455	1

Signature

Examiner Name	Date
	3/20/2006